

Title (en)
METHOD FOR SIGNALING BANDWIDTH PART (BWP) INDICATORS AND RADIO COMMUNICATION EQUIPMENT USING THE SAME

Title (de)
VERFAHREN ZUR SIGNALISIERUNG VON INDIKATOREN DES BANDBREITENTEILS (BWP) UND FUNKKOMMUNIKATIONS-AUSRÜSTUNG DAMIT

Title (fr)
PROCÉDÉ DE SIGNALISATION D'INDICATEURS DE PARTIE DE BANDE PASSANTE (BWP) ET ÉQUIPEMENT DE COMMUNICATION RADIO L'UTILISANT

Publication
EP 3563489 A4 20200812 (EN)

Application
EP 17887619 A 20171227

Priority
• US 201662439434 P 20161227
• CN 2017119099 W 20171227

Abstract (en)
[origin: US2018183551A1] A method for signaling radio access network (RAN) profile index is disclosed. The method includes transmitting, by a first cell operating on a first component carrier, a first RAN profile indexing message to a user equipment (UE), the first RAN profile indexing message comprising a first plurality of Bandwidth Part (BWP) indicators (e.g., BWP indices) corresponding to a first plurality of BWP configurations, the first plurality of BWP configurations being configured for at least one of a first plurality of component carriers in frequency domain; and transmitting, by the first cell on a first Resource Block (RB) of the first component carrier, a first BWP index, wherein the first BWP index corresponds to a first BWP configuration in the first plurality of BWP configurations for the first plurality of component carriers.

IPC 8 full level
H04W 72/04 (2009.01); **H04L 5/00** (2006.01)

CPC (source: EP KR US)
H04L 5/001 (2013.01 - EP KR US); **H04L 5/0042** (2013.01 - US); **H04L 5/0092** (2013.01 - KR); **H04L 5/0098** (2013.01 - EP KR); **H04W 72/044** (2013.01 - US); **H04W 72/0453** (2013.01 - KR); **H04W 72/1268** (2013.01 - US); **H04W 72/1273** (2013.01 - KR); **H04W 72/23** (2023.01 - EP KR US); **H04W 74/006** (2013.01 - US); **H04L 5/0007** (2013.01 - EP); **H04W 16/10** (2013.01 - US); **H04W 72/0453** (2013.01 - EP); **Y02D 30/70** (2020.08 - EP)

Citation (search report)
• [A] US 2016007373 A1 20160107 - DAVYDOV ALEXEI VLADIMIROVICH [RU], et al
• [AP] HUAWEI ET AL: "Bandwidth part activation and adaptation", vol. RAN WG1, no. Prague, Czech Republic; 20171009 - 20171013, 2 October 2017 (2017-10-02), XP051352314, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_90b/Docs/> [retrieved on 20171002]
• [AP] SAMSUNG: "RAN2 consideration for bandwidth part in NR", vol. RAN WG2, no. Qingdao, China; 20170627 - 20170629, 26 June 2017 (2017-06-26), XP051300933, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN2/Docs/> [retrieved on 20170626]
• [AP] SAMSUNG: "Wider Bandwidth Operations", vol. RAN WG1, no. Prague, Czech Republic; 20170821 - 20170826, 20 August 2017 (2017-08-20), XP051316454, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/> [retrieved on 20170820]
• See also references of WO 2018121621A1

Cited by
EP3687093A4; EP3667994A4; US11962399B2; US11212064B2; US11863499B2; US11943175B2

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US 10868649 B2 20201215; US 2018183551 A1 20180628; CN 110447175 A 20191112; CN 110447175 B 20230124; EP 3563489 A1 20191106; EP 3563489 A4 20200812; EP 3563489 B1 20220615; ES 2927069 T3 20221102; JP 2020503764 A 20200130; JP 6934588 B2 20210915; KR 102628326 B1 20240124; KR 20190089062 A 20190729; KR 20220108189 A 20220802; US 11664942 B2 20230530; US 2021050969 A1 20210218; WO 2018121621 A1 20180705

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